

15 October 2017

Mr. Alejandro Perkins, Chair
Board of Supervisors
University of Louisiana System
Baton Rouge, LA 70802

Dr. Perkins:

I am writing to express my interest in serving as President of Nicholls.

I am honored and humbled to be supported by so many individuals on campus and in the community, and I share their thoughtfulness and enthusiasm regarding prospects for the future of our university. I am a graduate of Nicholls and have been a member of its faculty now for over 20 years. My nearly 15-year experience in program administration, including service as director, department head, and dean, has given me a good understanding of the university's strengths, its needs, and the issues it faces as an institution of higher education in Louisiana and in America. As importantly, having first set foot on its soil as a three-year-old hurricane evacuee, having watched one younger and three elder siblings in their student careers here, and having watched it from the outside for many more years than otherwise, I also have a unique understanding of the university's history, its importance in serving the needs of the region it represents, and its place in and promise to the state it serves. I humbly submit that my long association with Nicholls, my understanding of the communities and regions it serves, together with a broad experience gained from teaching, scholarly activity, service, administration, and leadership in multiple disciplines, makes me uniquely qualified to serve as President.

With the exception of the years spent in New Orleans for graduate school and postdoctoral work, my wife and I are lifelong residents of the Nicholls service region. I graduated with the B.A. in Education from Nicholls and enjoyed a distinguished 27-year career as a high school science teacher, receiving Teacher-of-the-Year honors in both Orleans and Lafourche Parishes public schools. On my end, Nicholls prepared me extremely well for a career in biomedical science. As I approached doctoral graduation at LSU Medical Center, I was faced with attractive offers for postdoctoral work both in the U.S. and overseas. I made a conscious decision to undertake a research project that had been awaiting new technology and a new young scientist to lead it. I entered the field of molecular genetics studying a rare disease segregating among Acadian descendants called Usher syndrome. As an Acadian descendant myself, it was important for me to undertake this project in service to my ancestors, their communities, and those of many other Louisianans and Acadians worldwide. The National Institutes of Health agreed by funding my research. After five years of successful work, I applied to become an assistant professor of biology at Nicholls, where I grew both my research and teaching skills while serving the community in a diversity of ways. Returning to the community after that absence—after understanding ancestry and family and community and diversity from not only the DNA level but also the from the public dimension—grew not only a deep understanding of the community but also an ambition to help by becoming an ambassador for and leader of it.

As you are aware, Louisiana universities face challenges in these economic times, and these face Nicholls as critically as any. There is demand to increase the education level of the citizenry to better meet the economic problems and opportunities of the state. There is immense pressure to provide such educational advancement with dramatically reduced state funding. At the same time, the university must maintain the academic integrity of programs and degrees, as well as the high quality of its faculty, and ensure that its graduates are well prepared to function in an increasingly competitive and complex world. In my view, every student at every university in Louisiana—no matter the size of their enrollment or facilities—should expect high quality experiences, opportunities, and learning, as well as empowerment for competitiveness and success in the world. It will be my job as President of Nicholls to seize opportunities to maintain

both academic standards and an experienced, engaging, and dedicated faculty to ensure that our graduates are as competitive and successful as those from any other university and in any economic climate.

As President, I will also work to grow the university's impact. It must not only track students and assess their quality while on campus, but it must also measure the university's effectiveness off campus and in the workplace. And it must instill at every level and in every classroom that its graduates remain life-long representatives of Nicholls. University faculty will join me in a focus on issues of high importance and usefulness to regional communities and the state. As equally important, we must ensure that the public learns and understands this usefulness. By improving the impact of our efforts, every high school student, every parent, every taxpayer, and every government official will know and never forget that up the bayou, down the bayou, across U.S. Highway 90, and down I-310 there is a powerful university called Nicholls that drives their economic, environmental, and societal health and growth.

I have lectured often to community groups regarding the inextricable relationship of people and land here in bayou country. I add Nicholls to this relationship. I see the university positioned to lead the addressing of issues related to land fragility and loss, phenomena that affect not only our region's southernmost border but also our students and their families who live or were born there. I see a partnership between academic offerings and growth in resident eco- and cultural tourism. We are the closest university to the problem; we are populated by students from families to live and work there, whose ancestry and history and culture and language are also suffering loss. I see this challenge as an integral part of this university's growth. Now more than ever, we must embrace our unique regionality and market it to the rest of the world. The nation's and world's eyes will be fixed for the next century on the Louisiana Gulf Coast for land remediation, natural disasters, and industrial safety, as well as the dynamics of the petroleum and seafood industries. Our responsibility is to use our research and service efforts to address significant issues, to use our instructional expertise to expertly train children of those families as well as other students attracted to study in this area, to use our scholarly efforts to preserve history and culture, and to embrace, prepare, and provide for the rest of the world's attention on our region. That effort would not only qualify as "impact" but also as the vitality that pumps our strategic mission as "the heart of the bayou region."

As someone born and raised in the shadow of Elkins Hall, perhaps I know this challenge more directly than any other candidate for this position. Such times require energy and resilience and smart strategies to innovate, survive strongly, and grow stronger. Such times require a President with perspective and problem-solving creativity, one who knows and respects the service region intimately, one with experience in faculty and student engagement, one willing to reach across and defy traditional academic boundaries, and one who is active in creating innovative and marketable academic opportunities. I hope you will agree that I have demonstrated these qualities in the past 20 years.

It is also an exciting time for Nicholls. I look forward to working with faculty and staff to meet the university's challenges and discover new opportunities. After reviewing the requirements and preferences for the position as outlined in the job posting, I believe that my strong academic background and breadth of community experience will well serve the needs of the university, the faculty, the students, and the administrative team. I provide my vita with this application, and should you require further information regarding my candidacy, please feel free to inquire.

I have been pleased and honored to serve the university for the past 20 years. And today, I enthusiastically offer my continued service in a greater capacity.

Sincerely yours,



John P. Doucet, Ph.D.
Dean College of Arts and Sciences
Director, University Honors Program
Alcee Fortier Distinguished Professor

JOHN P. DOUCET, PH.D.

Professional Overview

- 20 years of experience in higher education and in service to Nicholls State University
- A proven academic leader of both faculty and students, with 15 years of experience as Director, Department Head, and Dean
- Exceptional and diverse academic background achieved through teaching, research, and service
- Dedicated ambassador of Nicholls, having represented the university across the state, the country, and overseas
- A public servant, having served in elected positions for organizations in the community and across the state
- Strong analytical, quantitative, and problem-solving skills deriving from science training
- Immersed in bayou region culture as researcher, educator, leader, author, and speaker

Professional Experience

Dean, College of Arts and Sciences (August 2012-current; interim, July 2011-March 2012)
Nicholls State University

- Leader of largest college on campus in terms of student enrollment, number of faculty, number of degree programs, number of academic departments, and budget
- Collaborator in creation of new graduation opportunities for students, including new concentration areas in biology, chemistry, art, sociology and bayou studies, as well as the upcoming B.S. in Criminal Justice
- Co-creator of the Center for Bayou Studies, a multi-college interdisciplinary collaborative focused on conservation, preservation, documentation, and research pertaining to bayou and coastal culture and environment
- Rebuilt and rebranded university-wide research activities, creating the research and creative expositions *Expeaux* and *Faculty Expeaux*, inviting students, faculty and staff, and community to these events
- Created new fund-raising and recruiting initiatives for college
- Facilitated successful faculty-led program accreditation initiatives in Chemistry, Art, Music, Mass Communication, Chemistry, Geomatics, and Petroleum Services
- Maintained part-time and guest teaching duties in Honors and biology courses
- Long-time recruiter for scholarship award events
- Member of Council for Colleges of Arts and Sciences (CCAS)
- Member of university's SACSCOC Accreditation Reaffirmation Team

Director, University Honors Program (May 2005-current; Coordinator, 2003-2005)
Nicholls State University

- In four years, grew enrollment into second largest program among UL System schools
- Launched academic excellence initiatives, including public defenses of student research in the form of the Honors Thesis Research Symposium, inviting students, faculty and staff, and the community
- Managed two study abroad programs, *Honors Abroad—England* and *Honors Abroad—Costa Rica*
- Reorganized curriculum to include credit for advance coursework, service learning, and thesis preparation.
- Major grantsman and fundraiser for self-sufficient program
- Mentored 41 Honors Thesis research projects in multiple academic disciplines
- Taught Honors Prospectus, Honors Thesis, Honors Service, Honors Forum, and multiple Honors biology courses
- Appointed to the Research Committee of the National Collegiate Honors Council
- Appointed to the Science & Mathematics Committee of the National Collegiate Honors Council
- Long-time student advisor for Honors curriculum
- Served continuously as Chair of the Honors Faculty committee
- named *Outstanding Honors Professor* in 2005, 2006, 2007, and 2008

Head, Department of Biological Sciences (July 2011-March 2013)
Nicholls State University

- Served as leader of one of the largest departments on campus in terms of student enrollment, number of faculty, number of degree programs, number of academic departments, and budget
- Served as contributing leader of the most active department at the university in terms of research and grantsmanship
- Managed a department that included a Bachelor of Science program with 13 concentration areas, a Master's of Science program, and a 300-acre University Farm
- Renovated multiple departmental laboratories through collaborative grantsmanship
- Mentored junior faculty in successful teaching and research
- Led and restructured department through challenges associated with state budget cuts to higher education

Professor, Biological Sciences
Nicholls State University

- Joined teaching faculty in 1997; tenured and promoted in 2002
- Received outstanding student and supervisor evaluations
- Received *Presidential Award for Teaching Excellence* in 2004
- Taught multiple courses, notably genetics, bioinformatics, endocrinology

- Mentored over nearly 200 undergraduate students in independent study courses
- Served on graduate thesis committees of 25 students at Nicholls, LSU Health sciences center, and internationally
- Developed multiple new course opportunities for students, including first genomics course among Louisiana colleges and universities, taught continuously since 2001
- Created and developed Molecular Genetics Section, a collaborative laboratory for students and faculty conducting molecular research
- Long-time student advisor in pre-medicine and other pre-professional curricula
- Served on development and design committee for Master of Science program
- Member of faculty awarded the Departmental Excellence through Faculty Enhancement (DEFE) award from the Louisiana Board of Regents, the only undergraduate faculty to receive the award
- Awarded over \$2 million in competitive grants for teaching and infrastructure enhancement and research
- Delivered nearly 300 public presentations to local, state, national, and international audiences
- Author of over 100 peer-reviewed publications in the fields of sciences, humanities, and teaching
- Served on nearly ninety committees in service of strategic planning, SACSCOC reaffirmation, recruitment and retention, research, infrastructure, student and faculty awards, academic integrity, NCAA Athletics Certification, scholarships, and other tasks
- Named McIlhenny Endowed Professor of Molecular and Environmental Genetics in 2012
- Named Distinguished Service Professor in 2008
- Named Alcee Fortier Distinguished Professor in 2017

Other Leadership Experience

- Member of the UL System *Management and Leadership Institute*, 2017-18
- Elected President, Louisiana Academy of Sciences (2015-17), the state's largest association of academic and industrial scientists and students
- Elected President-Elect, Rotary Club of Thibodaux (201-2018)
- Elected President, Louisiana Collegiate Honors Council (2007-2008)
- Three-time elected Chairman-of-the-Board, Leadership Lafourche, Inc., (1997-98, 2007-08, 2008-09)
- Graduate of Leadership Lafourche (Charter Class, 1993); led *History and Culture* training session for past 20 years
- Contributing Executive Committee, Center for Bayou Studies,
- Elected to three consecutive terms on the Nicholls Faculty Senate, College of Arts and Sciences, 2004-2006, 2006-2009, & 2009-2011 (Parliamentarian, 2006-2011)
- Elected to two consecutive terms as Senator to the Nicholls Student Government Association (College of Sciences, 1982-83, and College of Arts & Sciences, 1983-84)

Education

Graduate Certificate in Public Health Genetics and Genomics, Sarah Lawrence College, Bronxville, New York, June 2010

National Institutes of Health Postdoctoral Fellowship, Laboratory of Molecular Genetics, Alton Ochsner Medical Foundation, New Orleans, 1995-1997. Concentration: Human and Molecular Genetics

National Institutes of Health Postdoctoral Fellowship, LSU Neuroscience Center, New Orleans, 1993-1995. Concentration: Molecular Neurobiology

Doctor of Philosophy, Louisiana State University Medical Center (LSUMC), New Orleans, 1992

- Dissertation: *Immediate-Early Genomic Responses to Neural and Leukemic Cell Differentiation*.
- Concentration: Biochemistry and Molecular Biology (major), Neuroscience (minor).
- Received *LSU Chancellor's Award* for Outstanding Doctoral Research and Service

Bachelor of Science, Nicholls State University, Thibodaux, Louisiana, 1984

- Major: Chemistry

State and National Service Appointments

Research Committee, National Collegiate Honors Council (2017-current)

Science and Mathematics Committee, National Collegiate Honors Council (2017-current)

Information and Education Committee, American Society of Human Genetics (2012-2014, 2014-2017)

Executive Committee, RESTORE Act Center of Excellence for Louisiana (2015-current)

Academic Liaison Group, The Water Institute (2013-2016)

Executive Board, Louisiana Universities Marine Consortium (LUMCON; 2012-2016)

Adjunct Professor, School of Nursing, LSU Health Sciences Center, New Orleans, Louisiana (Spring 2010)

Adjunct Professor, Department of Genetics, LSU Health Sciences Center, New Orleans, Louisiana (1997-current)

Adjunct Professor, Department of Biochemistry and Molecular Biology, LSU Health Sciences Center, New Orleans, Louisiana (1997-current)

Executive Board, Center for Acadiana Genetics and Hereditary Health Care (1997-2005)

Executive Committee, Louisiana Academy of Sciences (2005-current)

Founding Chair, Division of Sciences and Humanities, Louisiana Academy of Sciences (2010-current)

Search Committee, President of the University of Louisiana System, 2010

University Representative to Council of Student Body Presidents, University of Louisiana System, March 2008

Community Involvement and Investment

Served as columnist on science and local culture for *Point of Vue* magazine (since October 2013)

Author of 13 theatrical plays set in Louisiana history and culture (1993-2005)

- Winner of the Louisiana Voices and Visions Playwriting Award (1996)
- Recipient of the Louisiana Division of the Arts fellowship in Theater—Playwriting (1996)

Long-time member of the Lafourche Heritage Society
 Charter member of the Cheniere Hurricane Centennial Commission
Member, Rotary International (Rotary Club of Thibodaux), 2014-current.
Member, Nicholls Foundation, 2013-current.
 Member, Nicholls Alumni Federation
Member, Board of Commissioners, Lafourche Parish Hospital Service District No.2, 2008-2013, 2013- current.
Member, Board of Commissioners, Lafourche Parish Tourist Commission, 2009-2012.
 Grants Consultant to multiple community organizations
 Co-editor and Author of *Genetics and Louisiana Families*, first-of-its-kind instructional website for researchers, healthcare workers, and families
 Co-editor and Author the historical collections (books) *Lafourche Country III: Annals and Onwardness* (2010) and *Lafourche Country II: Heritage and Its Keepers* (1996).
 Author of the chapbook *A Local Habitation and a Name: Poems from the Lafourche Country*. (1995; 2nd edition, 2016)
 Delivered lectures at two 1999 international symposia, *Genealogy of the Acadian People* and *Genetics of the Acadian People*
 Co-Author of the book *The Cheniere Caminada Story: A Centennial Commemorative* (1993)
 Awarded *Program of the Year*, Rotary Club of Thibodaux (2004-05 and 2014-15)
 Received *James Lynn Powell Outstanding Alumnus Award*, Nicholls State University Alumni Federation, (2014)
 Received *Edward J. and Anna B. Himel Memorial Award for Distinguished Service*, Lafourche Heritage Society (2011)
 Received *Marie Fletcher Distinguished Service Award*, Nicholls State University Alumni Federation, (2011).
 Scientific scholarly activity focused on public health issues in Louisiana, especially populations of Acadian descent

Special Student Services

Long-time advisor of students in pre-medicine and other pre-professional curricula
 Long-time advisor of Honors Program students from all disciplines
 Faculty Columnist for student newspaper, *The Nicholls Worth* (2004-2009)
 Past Advisor of the Nicholls Rotaract Club, the Pre-Professional Medical Association, and the Honors Student Council
 Created special course opportunities and mentored 200 students in independent study courses
 Received Master Advisor Certification, Nicholls State University, 2007
 Received Student Affairs Apple Award for Outstanding Support of Student Activities (2006 and 2008)

Scholarly Activity

- authority on Acadian Genetics and community structure; served on team that discovered gene causing Acadian Usher Syndrome; discovered DHPH Syndrome
- Delivered lectures at Oxford University, Plymouth University Peninsula Schools of Medicine and Dentistry, and Plymouth University of the South (all England)
- Served two terms on Information and Education Committee of the American Society of Human Genetics (a worldwide organization, www.ashg.org/about/mission.shtml)
- Delivered lectures at two 1999 international symposia, *Genealogy of the Acadian People* and *Genetics of the Acadian People*
- Attended international trainings at Cold Spring Harbor Laboratory, Long Island, New York, and Sarah Lawrence College, Yonkers, New York
- Publications (selected)
 - Everage, T., Boopathy, R., Nathaniel, R., LaFleur, G. and Doucet, J. 2014. A survey of antibiotic resistant bacteria in a sewage treatment plant in Thibodaux, Louisiana, USA. *International Biodeterioration and Biodegradation* 95: 2-10.
 - Durham, T., Doucet, J., Snyder, L.U. 2011. Risk of regulation or regulation of risk? A *De Minimus* framework for genetically modified crops. *AgBioForum* 14(2): 61-70.
 - Doucet, J., Lirette, A., Robichaux, S.M., and Lacassie, Y. A new autosomal dominant syndrome of dermal ridge hypoplasia and palpebral hypertrichosis. *Submitted*.
 - Self, R., Arkhipova, I., and Doucet, J. Ancient retroelements in the genome of the red swamp crawfish, *Procambarus clarkii*. *Submitted*.
 - Doucet, J. *Genetics and Louisiana Families: a comprehensive professional and educational resource. Proceedings of the Louisiana Academy of Sciences, in press.*
 - Doucet, J. Genetics and Louisiana Acadian Genealogy. In *Lafourche Country III: Annals and Onwardness* (Doucet, J. and Michot, S., Eds.) Thibodaux, LA: Lafourche Heritage Society, 2010. Pp. 64-69.
 - Doucet, J. The natural history of the lovebug in the Lafourche Country. In *Lafourche Country III: Annals and Onwardness* (Doucet, J. and Michot, S., Eds.) Thibodaux, LA: Lafourche Heritage Society, 2010. Pp. 322-327.
 - Stoute, D., and Doucet, J. 2007. French Settlement disease and the hereditary spastic paraplegias. In J. Doucet and B. Keats (Eds.), *Genetics and Louisiana Families*. [On-line.] Available: http://www.medschool.lsuhsu.edu/genetics_center/louisiana/.
 - Doucet, J. 2003. Acadian Usher syndrome: The natural history of a genetic disease in Louisiana. *Kinfolks* 26(4), 5-9.
 - Doucet, J. and Keats, B. (Eds.) 2002. *Genetics and Louisiana Families*. http://www.medschool.lsuhsu.edu/genetics_center/louisiana/
 - Kass, D. and Doucet, J. 2002. Molecular phylogeny of the Louisiana nutria. *Proceedings of the Louisiana Academy of Sciences* 63, 10-24.
 - DeAngelis, M.M., Donaldson, C.J., Ditta, G.M., Buckley, L.M., Doucet, J.P., Den, Z., Drury, S., Pelias, M.Z., Deininger P.L., Keats, B.J.B, and Batzer, M.A. 2000. Physical maps as molecular tools to identify disease genes. In *Genetics and Hearing Loss* (Berlin, C.I., and Keats, B., Eds.) San Diego, CA: Singular Press. Pp. 61-72.
 - Doucet, J, Pelias, M., and Keats, B. 1999. Acadian Usher Syndrome. *Proceedings of the Louisiana Academy of Sciences* 62: 16-27.
 - DeAngelis, M., Doucet, J., Drury, S., Sherry, S., Robichaux, M., Den, Z., Pelias, M., Ditta, G., Keats, B., Deininger, P., Batzer, M. 1998. Assembly of a high-resolution map of the

- Acadian Usher Syndrome region and localization of the nuclear EF-hand acidic gene. *Biochimica et Biophysica Acta* 1407, 84-91.
- Doucet, J. and Bazan, N. 1993. Excitable membranes, lipid messengers, and immediate-early genes: signal transduction in neurotrauma. *Molecular Neurobiology* 6, 407-424.
- Doucet, J., Squinto, S., and Bazan, N. 1990. Fos-Jun and the primary genomic response in the nervous system: physiological role and possible pathophysiological significance. *Molecular Neurobiology* 4(1/2), 27-55.
- Squinto, S., Block, A., and Doucet, J. 1989. Epidermal growth factor induction of cellular proliferation and proto-oncogene expression in growth-arrested rat H4IIE hepatoma cells: role of cyclic adenosine monophosphate. *Molecular Endocrinology* 3(3): 433-446.
- Squinto, S., Doucet, J., Block, A., Morrow, S., and Davenport, W. 1989. Induction of macrophage-like differentiation of HL-60 leukemia cells by tumor necrosis factor-alpha: potential role of *fos* expression. *Molecular Endocrinology* 3(2): 409-426.
- Doucet, J. and Bazan, N. A neural primary genomic response to the lipid mediator platelet-activating factor. In *Phospholipids in Signal Transmission* (Massarelli, R., Horrocks, L., Karfer, J.N., Löffelholv, K., eds.) Springer-Verlag GmbH, Heidelberg, 1993; pp. 411-426.
- Bazan, N. and Doucet, J. Platelet-activating factor and intracellular signalling pathways that modulate gene expression. In *Platelet-Activating Factor Receptor: Signal Mechanisms and Molecular Biology* (Shukla, S., Ed.) CRC Press, Inc., Boca Raton, Florida, 1993; pp. 137-146.
- Block, A., Doucet, J., Morrow, S. and Squinto, S. The use of antisense oligonucleotides to dissect the role of *c-fos* expression in HL-60 cell differentiation. In *Prospects for Antisense Nucleic Acid Therapy of Cancer and Viral Infections* (Wickstrom, E., ed.) New York: Wiley-Liss, 1991; pp. 71-82.
- Dicharry, H. and Doucet, J.P. Medical Forensics of a 1940s Sugar Mill Infirmary in Southeast Louisiana. 2017. *Louisiana Scientist* 7, in press.
- Doucet, J.P. and Moloney, M. 2015. Sediment and Settlement: Chênières and the Evolution of Coastal Louisiana. *Louisiana Scientist* 5A(1): 44.
- Boudreaux, T. and Doucet, J.P. 2015. Historical Thread Theory: DNA, Diderot, and d'Alembert's Dream. *Louisiana Scientist*, 5A(1): 43.
- Doucet, J.P. 2014. Assessing the Great October Storm of 1893: histories informing sciences. *Louisiana Scientist* 5(1):35.
- Doucet, J.P., Graebert, S.M., and Cibelli, D.H. 2012. A structure for galacidalacidesoxyribose nucleic acid. *Louisiana Scientist* 3(1): 49.
- Bollinger, N.J. and Doucet, J.P. 2011. A survey of U.S. patents awarded to Louisiana reclamationist James Hill. *Louisiana Scientist* 1(1): 65.
- Doucet, J.P., LeBlanc, L.J., and Breaux, B.P. 2011. Genetic influences in the Gabriel García Márquez novel, *One Hundred Years of Solitude*. *Louisiana Scientist* 1(1): 66.
- Walker, N.J. and Doucet, J.P. 2011. Toward discovering the "H.M." mutation: A preliminary genealogical study. *Louisiana Scientist* 1(1): 67.
- Doucet, J. et al. 2010. A new autosomal dominant syndrome of dermatoglyph hypoplasia. *Abstracts of the Louisiana NCRR/Idea 2010 Biomedical Research Symposium*, p. 29
- Doucet, J., Self, R., Cole, C., Arkhipova, I. 2010. Identification of Penelope-like elements in the genome of the red swamp crawfish, *Procambarus clarkii*. *Abstracts of the 18th Symposium of the International Astacology Association*, p. 15
- Doucet, J., Dougherty, M., and Canavier, C. 2009. Improving science literacy through scientist-educator alliances: a model from genetics. Program No. 20.3/GG32. *Neuroscience 2009* (Society for Neuroscience). Online.
<http://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=026fe0c4-1ac4-4a77-871d-5a639c6418fe&cKey=073b0304-5454-47fe-9817-0b34a990cee&mKey=%7b081F7976-E4CD-4F3D-A0AF-E8387992A658%7d>

- Halton, M. and Doucet, J. 2008. "Genomic elements common to promoters of multiple Usher syndrome genes." *Louisiana Scientist* 1A(2): 16.
- Doucet, J. 2007. Exploring the linear geography of eukaryotic genes: a non-tech bioinformatics strategy. *Proceedings of the Louisiana Academy of Sciences, in press.*
- Presentations (selected)
 - "Genetics and Genealogy in South Louisiana." Keynote address, 38th annual meeting of the German-Acadian Coast Historical and Genealogical Society, Destrehan, LA, 14 October 2017.
 - "Genetics and Women's Health Issues." Continuing Nursing Education (CNE) Workshop, Nicholls State University, Thibodaux, LA, 12 October 2017.
 - "The Varied and Changing Landscape of Lower Lafourche: A Panel Discussion." (with Pellegrin, C. and Theriot, C.) Louisiana Studies Conference, Natchitoches, LA, 22-23 September 2017.
 - "The Natural History of Chenieres: Sediments, Settlements, and the Great Hurricane of 1893." Keynote address, Center for Bayou Studies Symposium, Nicholls State University, Thibodaux, LA, 13 September 2017.
 - "Incorporating Advances of Genetics into Nursing Education." Continuing Nursing Education (CNE) Workshop, Nicholls State University, 11 September 2017.
 - "Genetic Research in Acadiana." Rotary Club of Thibodaux, Thibodaux, LA, 05 September 2017.
 - "199 Things You Never Knew About Crawfish." Rotary Club of Morgan City, Morgan City, LA, 01 June 2017
 - "Everything you always wanted to know about lovebugs but were afraid to ask." Rotary Club of Downtown Houma, Houma, LA; 16 May 2017.
 - "How We Got Here and Why We Stayed: The Lafourche-Terrebonne Cajuns and Others Story." Annual meeting of the Lafourche Volunteers for Family and Community, Houma, LA, 04 April 2017.
 - "Medical Forensics of a 1940s Sugar Mill Infirmary in Southeast Louisiana." (Delivered by co-author H.
 - "The History and Culture of Lafourche Parish: The Land and the People are One." Leadership Lafourche, Thibodaux, LA; 07 December 2016.
 - "Historical Hurricanes and the Marian Devotion of Prompt Succor in Coastal Louisiana." 8th Annual Louisiana Studies Conference, Natchitoches, LA, 17 September 2016
 - Guest Speaker, Phi Theta Kappa Honor Society, Fletcher Technical Community College, Houma, LA, 24 March 2016.
 - "Why the Sea Smells So Good." Houma-Terrebonne Rotary Club, Houma, LA, 14 January 2016
 - "Becoming SOTL-Motile: Learning Communities and the Scholarship of Teaching and Learning." Nicholls State University, 13 January 2016.
 - Keynote Address. 30th Annual Lafourche Parish Public Schools Top Scholar Recognition Program, Mathews, LA, 30 April 2015.
 - "Highway One Revisited—Bayou Poetry." 19th Annual Jambalaya Writers Conference, Houma, LA; 11 April 2015
 - "The Whole Grain of Nutrition and Genetics." Louisiana Dietetics Association Food and Nutrition Conference, Lafayette, LA; 25-26 March 2015
 - "Nutrigenetics and Nutrigenomics." Louisiana Dietetics Association Food and Nutrition Conference, Lafayette, LA; 25-26 March 2015
 - "Genetics of Chronic Diseases: Dependence on the Nutritional Environment." Louisiana Dietetics Association Food and Nutrition Conference, Lafayette, LA; 25-26 March 2015
 - "Cancer Nutrigenomics." Louisiana Dietetics Association Food and Nutrition Conference, Lafayette, LA; 25-26 March 2015

- “Sediment and Settlement: Chênières and the Evolution of Coastal Louisiana.” 89th annual meeting of the Louisiana Academy of Sciences, Thibodaux, LA; 14 March 2015
- “Historical Thread Theory: DNA, Diderot, and *d’Alembert’s Dream* (with T. Boudreaux). 89th annual meeting of the Louisiana Academy of Sciences, Thibodaux, LA; 14 March 2015
- “The History and Culture of Lafourche Parish: The Land and the People are One.” Leadership Lafourche, Thibodaux, LA; 07 January 2015.
- “Everything you always wanted to know about lovebugs but were afraid to ask.” Sunrise Rotary Club of Houma, Houma, LA; 15 December 2014.
- “Integrating Arts and Sciences: What’s STEAMing on Your Campus.” 49th annual meeting of the Council of Colleges of Arts and Sciences, San Antonio, TX, 5-8 November 2014.
- “The Rise of the House of (Charles) Usher: Genetic Discoveries in Usher Syndrome Among the Acadians.” School of Biomedical and Healthcare Sciences, Plymouth University Peninsula Schools of Medicine and Dentistry, Plymouth University, Plymouth, England, 15 July 2014.
- “What Makes Anglo-Saxon Poetry So Sexy?” Plymouth University, Plymouth, England, 15 July 2014.
- “Assessing the Great October storm of 1893: histories informing sciences.” 88th annual meeting, Louisiana Academy of Sciences, Alexandria, LA, 08 March 2014.
- “Innovative, Inexpensive Honors College Offerings During Times of Economic Challenge.” SACSCOC Annual Meeting, Atlanta, GA, 07 December 2013.
- “Population Genetics.” High School Workshop, American Association of Human Genetics, Boston, MA, 22 October 2013
- “Complex Traits.” High School Workshop, American Association of Human Genetics, San Francisco, CA, 06 November 2012.
- “The Great Cheniere Hurricane of 1893.” Louisiana Studies Conference, Natchitoches, LA; 21-22 September 2012.
- “On the Design of Mental Organisms.” Closing Keynote, Louisiana Conference on Language, Literature, and Culture, Lafayette, LA, 31 March 2012.
- “A Molecular and Medical Basis for the Historical Hatfield-McCoy Feud,” Nicholls State University, Thibodaux, LA, 16 March 2011.
- “Crazy Crawfish Chromosomy.” Speaking of Arts and Sciences, Nicholls State University, 16 February 2011.
- “Everything you always wanted to know about lovebugs but were afraid to ask.” Keynote address, Tulane Medical Center Graduate Biomedical Retreat, New Orleans, LA, 15 October 2010.
- “Genomic Retroposition in the Red Swamp Crawfish, *Procambarus clarkii*. Annual meeting of the International Association of Astacology, Columbia, Missouri, 23 July 2010.
- “Genetics and Hereditary Health Care.” Southeast Louisiana Area Health Education Center, Hammond, LA, 17 March 2009.
- “Improving science literacy through scientist-educator alliances: A model from genetics.” Society for Neuroscience, Chicago, IL, 14-17 October 2009.
- “Cheniere Caminada and *fin-de-siecle* Writing.” 7th annual Louisiana Conference on Language and Literature, Lafayette, LA, 21-23 February 2008.
- “Highway One Revisited.” 7th annual Louisiana Conference on Language and Literature, Lafayette, LA, 22 February 2008.
- “Mutation as Metaphor: Models for the Molecular World.” Lady Margaret College, Oxford University, Oxford, England, 08-13 July 2007.
- “Genetics and Louisiana Families.” Lafayette Public Library, Lafayette, LA, 20 September 2006.
- “Genetics and Louisiana Families.” Kiwanis International of Natchitoches, Natchitoches, LA, 31 August 2006.

- “Teaching Genetics Today: Old Dogmas and New Tricks.” 2006 conference of the Louisiana Science Teachers Association, Shreveport, LA, 20 October 2006.
- “Pancreatic Disease Clusters in Southwestern Louisiana.” Imperial St. Landry Genealogical Society, Opelousas, LA, 11 March 2006.
- “Genetics and Louisiana Families: A Comprehensive Professional and Educational Resource.” Louisiana Academy of Sciences, Lafayette, LA, 10 March 2006.
- “Medical Genealogy, Geography, and Genetics.” Terrebonne Genealogical Society, Houma, LA, 28 January 2006
- “Genetic Genealogy in Louisiana.” Louisiana Genealogical and Historical Society annual meeting, Baton Rouge, LA, 29 April 2006
- “Concept Cartography of Biochemistry Instruction.” Louisiana Academy of Sciences, Grambling, LA, 18 March 2005.
- “Genetics and Louisiana Families.” Louisiana Academy of Sciences, Grambling, LA, 18 March 2005.
- “Acadian Diseases and the Importance of Genealogical Research.” Cut Off Youth Center Fair, Cut Off, LA, 12 November 2005
- “Historical Hurricanes, Genealogy, and Genetics: The Case of the Great October Storm of 1893.” Imperial St. Landry Genealogical Society, Opelousas, LA, 19 November 2005.
- “Current Health Issues in Louisiana.” sponsored by Louisiana Public Broadcasting, Thibodaux, LA, 09 November 2005
- “The Rise of the House of Usher: Clinical and Molecular Genetics of Usher Syndrome in Louisiana.” National Association of Vision Professionals annual conference, New Orleans, LA, 12 August 2005.
- “Genetics and Louisiana Families.” Louisiana Primary Care Association annual meeting, Baton Rouge, LA, 14 July 2005
- “The Genetic Legacy of Historic Louisiana Villages.” Louisiana Genealogical and Historical Society annual meeting, Baton Rouge, LA, 17 April 2004
- “Genetics and Acadian Families.” Imperial St. Landry Parish Historical and Genealogical Society, Opelousas, LA, 11 October 2004.
- “Genetics and Louisiana Families.” Louisiana Public Health Association annual meeting, Baton Rouge, LA, 28 April 2004.
- “Louisiana Family History and Genetics.” St. Tammany Parish Genealogical Society, Mandeville, LA, 13 April 2004
- “Hurricanes and Lower Lafourche Culture.” Jean Lafitte National Park Service Paddle Bayou Lafourche (Thibodaux Component), Thibodaux, LA, 13 November 2004
- “Development of a comprehensive instructional resource for genetics.” Louisiana Academy of Sciences annual meeting, Gonzales, LA, 20 March 2003.
- “Candidate gene analysis in DHPH syndrome.” Louisiana Academy of Sciences annual meeting, March 2003.
- “*Côte Génétique*: The Genetic Legacy of Historical Louisiana Villages.” Louisiana Purchase Bicentennial Conference, Larose, LA, 16 March 2003
- “Generation After Generation: Tracing a Disease Gene in an Acadian Family.” Louisiana Purchase Bicentennial Conference on Genealogy, Baton Rouge, LA, 25-26 April 2003.
- “A Center for Acadiana Genetics and Hereditary Health Care.” *Genetics: Your Family and Your Health* conference, New Orleans, LA, 15 November 2003.
- “Acadian Usher Syndrome: The Natural History of a Genetic Disease in Louisiana.” Southwest Louisiana Genealogical Society, Lake Charles, LA, 16 November 2002.
- “Unburialable Treasure: The Genetic Legacy of Cheniere Caminada.” Symposium: *Chênère Caminada: Interpreting a Lost Community and a Vanishing Purchase*, Golden Meadow, LA, 7 September 2002.

- "DHPH syndrome: A New Autosomal Dominant Syndrome of Dermatoglyph Hypoplasia with Palpebral Hypertrichosis." Seminars at Children's Hospital, New Orleans, LA, 30 August 2002.
- "Environmental Opportunism: The Culture of the Coastal Zone." Leadership Terrebonne, Louisiana Universities Marine Consortium (LUMCON), Cocodrie, LA, 21 May 2002.
- "Louisiana Coastal Culture: The Land and the People are One." American Water Resources Association national meeting, New Orleans, LA, 14 May 2002.
- "Jambalaya, Crawfish Pie, Familial Gumbo: What the Human Genome Project Means for the Average Cajun." *Jubilee 2002—A Festival of the Arts and Humanities*, Nicholls State University, 18 April 2002